

R E M A R K S

Careful review and examination of the subject application are noted and appreciated. Applicant's representative thanks Examiner Hallenbeck-Huber for the indication of allowable subject matter.

SUPPORT FOR CLAIM AMENDMENTS

Support for the amendments to the claims can be found in the drawings as originally filed, for example, in FIGS. 2-6, and in the specification as originally filed, for example, on page 12, line 15 to page 13, line 18, as pointed out by the Examiner (see page 2 of the Office Action). As such, no new matter has been introduced.

CLAIM OBJECTIONS

The objection to claim 24 has been obviated by amendment and should be withdrawn.

CLAIM REJECTION UNDER 35 U.S.C. §101

The rejection of Claim 10 under 35 U.S.C. §101 has been obviated by amendment and should be withdrawn.

Specifically, in light of the Examiner's statement that claim 10 may be properly construed as encompassing software or computer programs, claim 10 has been amended to recite that the

apparatus includes a non-transitory computer readable medium storing instructions for performing a process comprising the actions previously recited in means-plus-function form. Support for the amendment to Claim 10 can be found in FIGS. 2-6 of the drawings and in the specification as originally filed, for example, on page 12, line 15 to page 13, line 18, as pointed out by the Examiner (see page 2 of the Office Action). As such, claim 10 is believed to be directed to statutory subject matter and the rejection should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

The rejection of claims 1-6, 9-16, and 19-22 under 35 U.S.C. §103(a) as being unpatentable over Gryskiewicz et al. (U.S. Patent No. 6,392,712; herein after Gryskiewicz) in view of Boyce et al. (U.S. Patent No. 5,592,299; hereinafter Boyce) and Kim et al. (U.S. Patent No. 5,926,573; hereinafter Kim) and further in view of the background of the present application has been obviated by amendment and should be withdrawn.

The rejection of claim 25 under 35 U.S.C. §103(a) as being unpatentable over Gryskiewicz, Boyce and Kim and further in view of the background of the present application and Yonemitsu et al. (U.S. Patent No. 5,461,420; hereinafter Yonemitsu) has been obviated by amendment and should be withdrawn.

The allowable matter of claim 24 has been incorporated into claim 1. The allowable matter of claim 23 has been incorporated into claim 11. Subject matter similar to the subject matter of claim 23 has been incorporated into claim 10. Therefore, claim 1, claim 10, and claim 11 are believed to be fully patentable over the cited references and the rejections should be withdrawn.

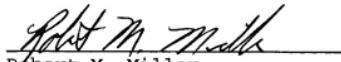
Claims 2-6, 9, 12-16, 19-22, and 25 depend, directly or indirectly, from either claim 1 or claim 11 which are believed to now be allowable. As such, the presently claimed invention is fully patentable over the cited reference and the rejection should be withdrawn.

Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicant's representative between the hours of 9 a.m. and 5 p.m. ET at 586-498-0670 should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge Deposit
Account No. 50-0541.

Respectfully submitted,
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c/o Pete Scott
LSI Corporation

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